**M. V. HIGHLAND KNIGHT**  
**UT755XL – 7,482 BHP, DP2 PLATFORM SUPPLY VESSEL (PSV)**

### REGISTRATION
- **Year Built**: 2013  
- **Builder**: Rosetti Marino SpA, Italy  
- **Flag**: UK  
- **Classification**: ABS + IAI, Offshore Support Vessel, (E) + DPS-2, + AMS, + ACCU Oil Recovery Capability Class 1, FTV1, UWild, GP

### MAIN CHARACTERISTICS
- **Length Overall**: 246 ft (74.95 m)  
- **Breadth (moulded)**: 52 ft (16.00 m)  
- **Draught (max)**: 19 ft (5.85 m)  
- **GT**: 2,202 T  
- **NT**: 757  
- **Deadweight**: 3,116 T

### CAPACITIES
- **Cargo Deck Area**: 7,696 ft² (174 ft x 44 ft)  
- **Deck Load**: 1,850 T  
- **Fuel Oil Cargo**: 243,830 gal (923 m³)  
- **Potable Water**: 226,131 gal (856 m³)  
- **Drill Water**: 321,497 gal (1,217 m³)  
- **Oil Based Mud***: 6,247 bbls  
- **Base Oil**: 279 bbls  
- **Brine**: 4,998 bbls  
- **Oil Recovery**: 800 m³ (8 tanks)  
- **Dry Bulk**: 11,318 ft³ @ 100% (80psi)

* Mud/Brine tanks (S.G. 2.5) 10 dual purpose mud / brine tanks.  
Hot water and chemical dosing applications.

### CARGO DISCHARGE
- **Fuel Oil**: 200 m³/hr @ 90 m hd  
- **Pot Water**: 200 m³/hr @ 90 m hd  
- **Oil Based Mud**: 2 x 100 m³/hr @ 180 m hd  
- **Base Oil**: 90 m³/hr @ 90 m hd  
- **Brine**: 100 m³/hr @ 180 m hd  
- **Cement**: 80 T/hr @ 90 m hd  
- **Barytes**: 60 T/hr @ 90 m hd  
- **Bentonite**: 100 T/hr @ 90 m hd  
- **Drill Water**: 150 m³/hr @ 90 m hd

### PERFORMANCE
- c. 14.5kn @ c. 25.0t / 24hrs  
- c. 13.0kn @ c. 15.9t / 24hrs  
- c. 11.0kn @ c. 12.3t / 24hrs  
- c. 9.0kn @ c. 9.8t / 24hrs

### ACCOMMODATION
- **20 persons**: 12 x 1 Man cabins  
- **4 x 2 Man cabins**

### MANOEUVRING EQUIPMENT
- 1 x Poscon Joystick (portable)

### DYNAMIC POSITIONING SYSTEM (CLASS II)
- **Konsberg – Simrad K-POS DP-21 Green DPS (DP II)**  
- **References**: 1 x Radius 1000 Radar Positioning System  
- 1 x DGPS DPS-200 with IALA receiver  
- 1 x DGPS DPS-100

### MACHINERY
- **Main Engines**: 2 x 3,741 BHP  
- **Thrusters Bow**: 2 x 885 BHP  
- **Thrusters Stern**: 2 x 800 BHP  
- **Shaft Alternators**: 2 x 1800 kW  
- **Aux Generators**: 2 x 296 kW  
- **Rudders**: 2 Rolls Royce High Lift  
- **Propellers**: 2 x CPP  
- **Deck Crane**: 1 x 6T @ 16m  
- **Tugger Winch**: 2 x 10T  
- **Capstans**: 2 x 8T

### TANK WASHING SYSTEM
- Toftejorg fixed tank cleaning system in mud/brine tanks.  
Hot water and chemical dosing applications.

### AGITATORS
- Hydraulic agitators in all mud/brine tanks.

### NAVIGATION EQUIPMENT
- **1 x Furuno 10cm ARPA Radar**  
- **1 x Furuno 3cm Radar**  
- **1 x Furuno GPS Satellite Navigator**  
- **3 x Raytheon Gyro Compass**  
- **1 x Raytheon Autopilot**  
- **1 x Furuno AIS FA 150**  
- **1 x Furuno Echosounder**  
- **1 x Furuno Navknot Speed Log**  
- **1 x Furuno Weather Fax**

### COMMUNICATION EQUIPMENT
- **2 x Inmarsat C**  
- **1 x Internal Intercom System**  
- **Radio plant according to GMDSS A3 requirements**  
- **4 x Motorola GP 340 – Handheld UHF**  
- **2 x Furuno VHF RT 5022**  
- **1 x Furuno VHF External communication according to GMDSS 3 x sailor SP 3520**  
- **1 x Sailor 406 MHz EPIRB McMurdo**  
- **1 x Ku Band Satellite Communications System**  
- **1 x Fleetbroadband 250**

### FIRE FIGHTING
- **FiFi 1 with Self Drenching System**  
- 2 x 1800m³/hr pumps  
- 2 x 1200m³/hr monitors  
- (No foam, water only)

### ADDITIONAL FEATURES
- **Deck Power Outlets**: 2 x 500Amp Outlets (440v)  
- **Reefer sockets**: 12 x 110v / 32Amp  
- **FRC NDM Model NPT60RB – Dispersant Spraying**: 2 x 10 m stainless steel booms  
- **Dispersant Storage**: 9 m³  
- **Oil Recovery**: 800m³  
- **Power pack**: For oil rec. equipment

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*Notice: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company’s equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.*
## TANK CAPACITIES

<table>
<thead>
<tr>
<th>TANK</th>
<th>CUBIC METRES</th>
<th>BARRELS</th>
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<tbody>
<tr>
<td></td>
<td>FUEL OIL</td>
<td>FRESH WATER</td>
<td>DRILL WATER</td>
<td>DP MUD / BRINE</td>
<td>MUD</td>
<td>BRINE</td>
<td>BASE OIL</td>
</tr>
<tr>
<td>CARGO FUEL</td>
<td>36.3</td>
<td>40.2</td>
<td>67.1 (x2)</td>
<td>47.1</td>
<td>54.9 (x2)</td>
<td>49.1</td>
<td>51.3 (x2)</td>
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<td>FRESH WATER (10)</td>
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<td>DUAL PURPOSE MUD / BRINE (10)*</td>
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<td>MUD</td>
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<tr>
<td>BASE OIL</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>924.9</strong></td>
<td><strong>856.7</strong></td>
<td><strong>1,217.5</strong></td>
<td><strong>4,998</strong></td>
<td><strong>3,748</strong></td>
<td><strong>2,499</strong></td>
<td><strong>279</strong></td>
</tr>
</tbody>
</table>

Dark Blue denotes primary function, Light Blue denotes secondary / tertiary function.

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